

Claims

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P4341
1. A vibrating aggregate for vibrating a piece attached thereto, which aggregate includes a shaft (1, 2), an eccentric mass connected thereto eccentrically and transmission arrangements for driving the shaft, whereby a shaft section (2) located at both ends of the shaft and mounted by means of a bearing in the piece to be vibrated is detachably connected to the end of the connecting shaft (1) connecting the shaft sections by a joint (3) transmitting torque moment, **characterized** in that the joint (3) between the shaft section (2) mounted by means of a bearing in the piece to be vibrated and the connecting shaft (1) is rigid and transmits therefore bending moment as well.
2. A vibrating aggregate as claimed in claim 1, **characterized** in that the joint (3) between the shaft section (2) mounted by means of a bearing in the piece to be vibrated and the connecting shaft (1) has counter surfaces in contact with each other.
3. A vibrating aggregate as claimed in claim 2, **characterized** in that the joint (3) between the shaft section (2) mounted by means of a bearing in the piece to be vibrated and the connecting shaft (1) has a recess at the end of one part and a projection (3) that can be inserted into the recess at the end of the other part.
4. A vibrating aggregate as claimed in claim 3, **characterized** in that the recess tapers towards its bottom and the projection (3) tapers towards its point.
5. A vibrating aggregate as claimed in claim 4, **characterized** in that the joint (3) is a cone joint.
6. A vibrating aggregate as claimed in claim 4, **characterized** in that the joint (3) is a pyramid joint.
7. A vibrating aggregate as claimed in ^{claim 1} ~~any one of claims 1 to 6~~, **characterized** in that the joint (3) is locked by means of an axial screw (6).
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a.1
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